

METHOD FOR ADMINISTERING PLANT GROWTH HORMONE TO ANIMAL

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Abstract of JP60199801

PURPOSE: To stabilize a plant growth hormone particularly in the living body and exhibit efficiently the physiological action thereof in administering the above-mentioned hormone to an animal, by giving the hormone together with a lipid capable of forming a bimolecular layer in water to the animal.

CONSTITUTION: (A) A plant growth hormonal agent, e.g. auxin or gibberellin and (B) a lipid capable of forming bimolecular layer in water, e.g. phospholipid such as phosphatidyl choline or phosphatidyl serine, or (C) sterol are administered to an animal, e.g. silkworm, to suppress the decomposition of the above-mentioned hormone, particularly in the living body and exhibit stably the effect of the hormone.

Thus, the biosynthesis of animal protein is promoted to improve the growth and health of the animal. The above-mentioned components are easily linked to form a stable compound, and may be previously linked for use or simply mixed or administered together.

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